The invention claimed is:

- 1. An extended release tablet comprising:
- (i) a core comprising by weight, based on the core weight, 70 to 99% of metformin, and conventional excipients; and
- (ii) a coating consisting essentially by weight, based on the coating weight, of 20 to 85% of a water-insoluble, water-permeable film-forming polymer, of 10 to 75% of a water-soluble polymer and 3 to 40% of a plasticizer,

exhibiting a dissolution profile such that after 2 hours, from 7 to 60% of the metformin is released; after 4 hours, from 15 to 90% of the metformin is released; after 8 hours, from 50 to 100% of the metformin is released; after 12 hours, more than 75% of the metformin is released.

- 2. The tablet of claim 1, where the water-insoluble, water-permeable film-forming polymer is ethylcellulose.
- 3. The tablet of claim 1, where the water-soluble polymer is polyvinylpyrrolidone.
 - 4. The tablet of claim 1, where the plasticizer is stearic acid.
 - 5. The tablet of claim 1, where the plasticizer is dibutyl sebacate.

- 6. The tablet of claim 1, where the water-insoluble, water-permeable film-forming polymer is ethylcellulose, the water-soluble polymer is polyvinylpyrrolidone and the plasticizer is stearic acid.
- 7. The tablet of claim 1, where the water-insoluble, water-permeable film-forming polymer is ethylcellulose, the water-soluble polymer is polyvinylpyrrolidone and the plasticizer is dibutyl sebacate.
- 8. The tablet of claim 1, where the weight proportions water-insoluble, water-permeable film-forming polymer/ water-soluble polymer/plasticizer are 50-85/10-35/3-15.
- 9. The tablet of claim 1, where the core further comprises an expanding agent, in an amount of 3 to 25%, of the core dry weight.
- 10. The tablet of claim 9, where the expanding agent is Na starch glycolate.
- 11. The tablet of claim 9, where the weight proportions water-insoluble, water-permeable film-forming polymer/ water-soluble polymer/plasticizer are 20-50/35-75/15-40.

- 12. The tablet of claim 1, where the core comprises glyceryl behenate, polyvinylalcohol and silicon dioxide.
- 13. The tablet of claim 1, exhibiting a dissolution profile such that after 2 hours, from 10 to 40% of the metformin is released; after 4 hours, from 20 to 65% of the metformin is released; after 8 hours, from 50 to 100% of the metformin is released; after 12 hours, more than 75% of the metformin is released.
- 14. The tablet of claim 1, exhibiting a dissolution profile such that after 2 hours, from 40 to 60% of the metformin is released; after 4 hours, from 65 to 90% of the metformin is released; after 8 hours, from 85 to 100% of the metformin is released; after 12 hours, more than 90% of the metformin is released.

- 15. An extended release tablet comprising:
- (i) a core comprising by weight, based on the core weight, 70 to 99% of metformin, and conventional excipients; and
- (ii) a coating consisting essentially by weight, based on the coating weight, of 50 to 85% of a water-insoluble, water-permeable film-forming polymer, of 10 to 35% of a water-soluble polymer and 3 to 15% of a plasticizer;

exhibiting a dissolution profile such that after 2 hours, from 7 to 60% of the metformin is released; after 4 hours, from 15 to 90% of the metformin is released; after 8 hours, from 50 to 100% of the metformin is released; after 12 hours, more than 75% of the metformin is released.

- 16. The tablet of claim 15, where the water-insoluble, water-permeable film-forming polymer is ethylcellulose, the water-soluble polymer is polyvinylpyrrolidone and the plasticizer is stearic acid.
- 17. The tablet of claim 15, where the core comprises glyceryl behenate, polyvinylalcohol and silicon dioxide.
- 18. The tablet of claim 15, exhibiting a dissolution profile such that after 2 hours, from 10 to 40% of the metformin is released; after 4 hours, from 20 to 65% of the metformin is released; after 8 hours, from 50 to 100% of the metformin is released; after 12 hours, more than 75% of the metformin is released.

- 19. The tablet of claim 15, exhibiting a dissolution profile such that after 2 hours, from 40 to 60% of the metformin is released; after 4 hours, from 65 to 90% of the metformin is released; after 8 hours, from 85 to 100% of the metformin is released; after 12 hours, more than 90% of the metformin is released.
 - 20. An extended release tablet comprising:
- (i) a core comprising by weight, based on the core weight, 70 to 99% of metformin, an expanding agent and conventional excipients; and
- (ii) a coating consisting essentially by weight, based on the coating weight, of 20 to 50% of a water-insoluble, water-permeable film-forming polymer, of 35 to 75% of a water-soluble polymer and 15 to 40% of a plasticizer;

exhibiting a dissolution profile such that after 2 hours, from 7 to 60% of the metformin is released; after 4 hours, from 15 to 90% of the metformin is released; after 8 hours, from 50 to 100% of the metformin is released; after 12 hours, more than 75% of the metformin is released.

21. The tablet of claim 20, where the water-insoluble, water-permeable film-forming polymer is ethylcellulose, the water-soluble polymer is polyvinylpyrrolidone and the plasticizer is dibutyl sebacate.

- 22. The tablet of claim 20, where the expanding agent represents 3 to 25% of the core dry weight, and is Na starch glycolate.
- 23. The tablet of claim 20, where the core comprises glyceryl behenate, polyvinylalcohol and silicon dioxide.
- 24. The tablet of claim 20, exhibiting a dissolution profile such that after 2 hours, from 10 to 40% of the metformin is released; after 4 hours, from 20 to 65% of the metformin is released; after 8 hours, from 50 to 100% of the metformin is released; after 12 hours, more than 75% of the metformin is released.
- 25. The tablet of claim 20, exhibiting a dissolution profile such that after 2 hours, from 40 to 60% of the metformin is released; after 4 hours, from 65 to 90% of the metformin is released; after 8 hours, from 85 to 100% of the metformin is released; after 12 hours, more than 90% of the metformin is released.
 - 26. The tablet of claim 1, comprising from 400 to 2000mg metformin.
 - 27. The tablet of claim 26, comprising from 550 to 2000mg metformin.
 - 28. The tablet of claim 13, comprising from 550 to 2000mg metformin.

- 29. The tablet of claim 14, comprising from 550 to 2000mg metformin.
- 30. The tablet of claim 26, comprising from 400 to 550mg metformin.
- 31. The tablet of claim 13, comprising from 400 to 550mg metformin.
- 32. The tablet of claim 14, comprising from 400 to 550mg metformin.
- 33. The tablet of claim 15, comprising from 400 to 2000mg metformin.
- 34. The tablet of claim 33, comprising from 550 to 2000mg metformin.
- 35. The tablet of claim 18, comprising from 550 to 2000mg metformin.
- 36. The tablet of claim 19, comprising from 550 to 2000mg metformin.
- 37. The tablet of claim 33, comprising from 400 to 550mg metformin.
- 38. The tablet of claim 18, comprising from 400 to 550mg metformin.
- 39. The tablet of claim 19, comprising from 400 to 550mg metformin.

- 40. The tablet of claim 20, comprising from 400 to 2000mg metformin.
- 41. The tablet of claim 40, comprising from 550 to 2000mg metformin.
- 42. The tablet of claim 24, comprising from 550 to 2000mg metformin.
- 43. The tablet of claim 25, comprising from 550 to 2000mg metformin.
- 44. The tablet of claim 40, comprising from 400 to 550mg metformin.
- 45. The tablet of claim 24, comprising from 400 to 550mg metformin.
- 46. The tablet of claim 25, comprising from 400 to 550mg metformin.